

## Abstract of the Disclosure

An internal voltage generator for performing the  
5 restoration of an output voltage to a target value despite  
variance of an internal voltage includes a reference voltage  
divider that generates first and second reference voltages,  
and a first differential amplifier that receives the first  
reference voltage from reference voltage divider through a  
10 first input terminal of first differential amplifier and  
generates a first differential signal. A second differential  
amplifier receives the second reference voltage from the  
reference voltage divider through a first input terminal of  
second differential amplifier and generates a second  
15 differential signal. A voltage source driver is driven by the  
first and second differential signals from first and second  
differential amplifiers, respectively, and provides a driver  
voltage within a desired and adjustable range.